

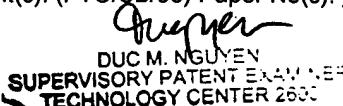


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| APPLICATION NO.             | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------------------|-------------|----------------------|---------------------|------------------|
| 10/693,247                  | 10/24/2003  | Donald A. Dorsey     | CS23154RL           | 1437             |
| 20280                       | 7590        | 12/22/2006           | EXAMINER            |                  |
| MOTOROLA INC                |             |                      | ADDY, ANTHONY S     |                  |
| 600 NORTH US HIGHWAY 45     |             |                      | ART UNIT            | PAPER NUMBER     |
| ROOM AS437                  |             |                      | 2617                |                  |
| LIBERTYVILLE, IL 60048-5343 |             |                      | MAIL DATE           | DELIVERY MODE    |
|                             |             |                      | 12/22/2006          | PAPER            |

Please find below and/or attached an Office communication concerning this application or proceeding.

|   |                 |               |  |
|---|-----------------|---------------|--|
| <b>Advisory Action<br/>Before the Filing of an Appeal Brief</b>   | Application No. | Applicant(s)  |  |
|   | 10/693,247      | DORSEY ET AL. |  |
|   | Examiner        | Art Unit      |  |
|   | Anthony S. Addy | 2617          |  |
| <b>--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --</b>   |                 |               |  |
| THE REPLY FILED <u>21 November 2006</u> FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.   |                 |               |  |
| <p>1. <input checked="" type="checkbox"/> The reply was filed after a final rejection, but prior to or on the same day as filing a Notice of Appeal. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114. The reply must be filed within one of the following time periods:</p> <p>a) <input type="checkbox"/> The period for reply expires _____ months from the mailing date of the final rejection.</p> <p>b) <input checked="" type="checkbox"/> The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.</p> <p>Examiner Note: If box 1 is checked, check either box (a) or (b). ONLY CHECK BOX (b) WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).</p> |                 |               |  |
| <p>Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).</p>   |                 |               |  |
| <b>NOTICE OF APPEAL</b>   |                 |               |  |
| <p>2. <input type="checkbox"/> The Notice of Appeal was filed on _____. A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37 CFR 41.37(a).</p>   |                 |               |  |
| <b>AMENDMENTS</b>   |                 |               |  |
| <p>3. <input type="checkbox"/> The proposed amendment(s) filed after a final rejection, but prior to the date of filing a brief, will <u>not</u> be entered because</p> <p>(a) <input type="checkbox"/> They raise new issues that would require further consideration and/or search (see NOTE below);</p> <p>(b) <input type="checkbox"/> They raise the issue of new matter (see NOTE below);</p> <p>(c) <input type="checkbox"/> They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or</p> <p>(d) <input type="checkbox"/> They present additional claims without canceling a corresponding number of finally rejected claims.</p>  |                 |               |  |
| <p>NOTE: _____. (See 37 CFR 1.116 and 41.33(a)).</p>  |                 |               |  |
| <p>4. <input type="checkbox"/> The amendments are not in compliance with 37 CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).</p>   |                 |               |  |
| <p>5. <input type="checkbox"/> Applicant's reply has overcome the following rejection(s): _____.</p>  |                 |               |  |
| <p>6. <input type="checkbox"/> Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).</p>   |                 |               |  |
| <p>7. <input checked="" type="checkbox"/> For purposes of appeal, the proposed amendment(s): a) <input type="checkbox"/> will not be entered, or b) <input checked="" type="checkbox"/> will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.</p>  |                 |               |  |
| <p>The status of the claim(s) is (or will be) as follows:</p>   |                 |               |  |
| <p>Claim(s) allowed: _____.</p>   |                 |               |  |
| <p>Claim(s) objected to: _____.</p>   |                 |               |  |
| <p>Claim(s) rejected: <u>1-3, 5, 7, 9-16 and 20</u>.</p>  |                 |               |  |
| <p>Claim(s) withdrawn from consideration: _____.</p>  |                 |               |  |
| <b>AFFIDAVIT OR OTHER EVIDENCE</b>  |                 |               |  |
| <p>8. <input type="checkbox"/> The affidavit or other evidence filed after a final action, but before or on the date of filing a Notice of Appeal will <u>not</u> be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e).</p>  |                 |               |  |
| <p>9. <input type="checkbox"/> The affidavit or other evidence filed after the date of filing a Notice of Appeal, but prior to the date of filing a brief, will <u>not</u> be entered because the affidavit or other evidence failed to overcome <u>all</u> rejections under appeal and/or appellant fails to provide a showing a good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).</p>  |                 |               |  |
| <p>10. <input type="checkbox"/> The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.</p>  |                 |               |  |
| <b>REQUEST FOR RECONSIDERATION/OTHER</b>  |                 |               |  |
| <p>11. <input checked="" type="checkbox"/> The request for reconsideration has been considered but does NOT place the application in condition for allowance because:<br/><u>See Attachment (Response to Arguments)</u>.</p>  |                 |               |  |
| <p>12. <input type="checkbox"/> Note the attached Information Disclosure Statement(s). (PTO/SB/08) Paper No(s). _____</p>   |                 |               |  |
| <p>13. <input type="checkbox"/> Other: _____.</p>   |                 |               |  |
| <p style="text-align: center;"> <br/>         DUC M. NGUYEN<br/>         SUPERVISORY PATENT EXAMINER<br/>         TECHNOLOGY CENTER 2630       </p>   |                 |               |  |
| <p style="text-align: center;">A.S.A.</p>   |                 |               |  |

## ADVISORY ACTION

### ***Response to Arguments***

Applicant's arguments filed 21 November, 2006 have been fully considered but they are not persuasive.

With respect to applicant's argument that, "All of the references cited require a location area update upon moving to a new cell in a different location area (see page 3, second, third and fourth paragraphs of the response)," examiner respectfully disagrees and maintains that Jiang teaches and meets the claimed limitations of "changing to a new cell in a different location area than the first cell without performing a location area update and without performing a routing area update," since Jiang teaches ***no update location*** is performed if the network ***hands over*** the call to another MSC, because the original VLR/MSC still retains call control and just the radio part is handed over, and the second VLR gets the subscriber information from the earlier VLR (see p. 9 [0154, lines 7-11]). Jiang further teaches, if the subscriber is in a midst of a call, an ***Update Location is not sent*** to the HPMN for cases (b) and (c), where case (c) is defined as a situation where "the ***GSM subscriber moves*** between ***two VLR areas***. If a VLR handles more than one MSC, then the UL is sent when the subscriber moves to another MSC handled by the second VLR. However, if the subscriber ***moves*** between MSC handled by the first VLR, ***no Update Location is sent*** (see Jiang, p. 9 [0148-0154])." Hence, the above clearly shows no location area update is performed upon moving to a new cell in a different location area.

Furthermore the examiner reiterates that no where in Jiang, does Jiang teach a situation (d), where a VLR or HLR fails, but instead Jiang teaches a situation (d) identifying situations when an Update Location is sent (see *Jiang*, p. 9 [0148-0152] [i.e. "As per specifications, an Update location is sent only in the following cases: d) the GSM subscriber moves between two different networks. In this case, the call drops today. However, there are some operators (few and far between) who have arrangements to hand-over the call between their networks"]).

Furthermore it has been held that one cannot show nonobviousness by attacking references individually where the rejections are based on combinations of references. See *In re Keller*, 642 F.2d 413, 208 USPQ 871 (CCPA 1981); *In re Merck & Co.*, 800 F.2d 1091, 231 USPQ 375 (Fed. Cir. 1986). In the present application, applicant's arguments are based on considering each reference individually while the rejection is based on a combination of references, hence the rejections using the combination of Tani, Dalsgaard and Jiang are proper and maintained.